

Figure 1A

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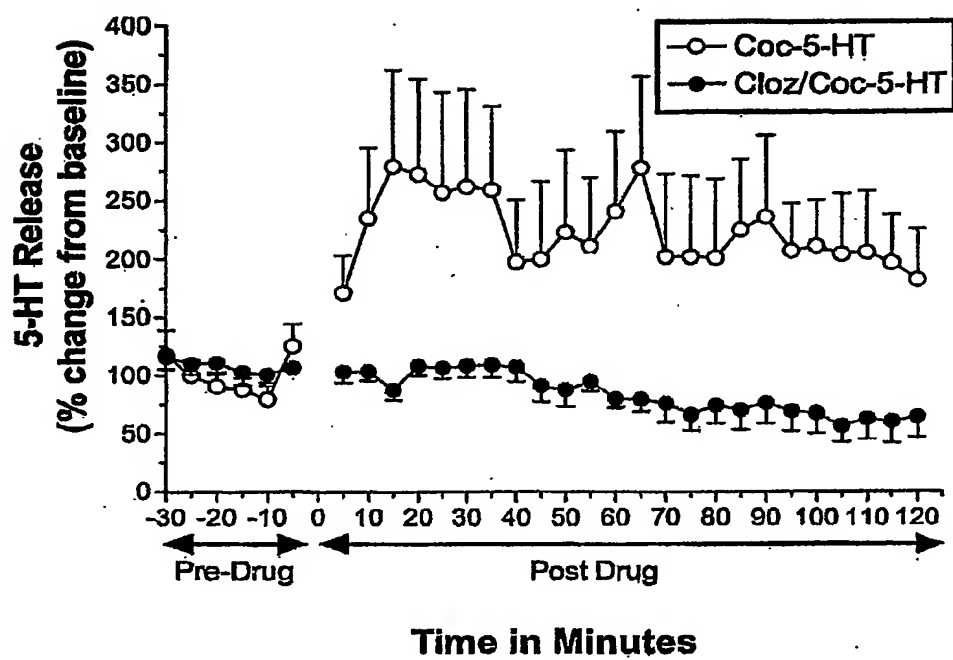


Figure 1B

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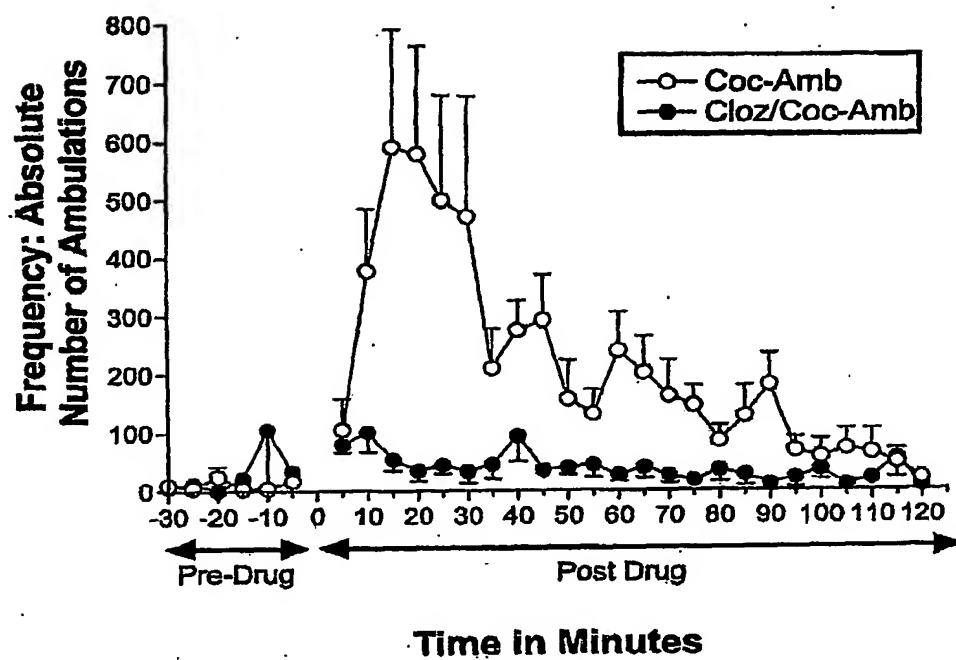
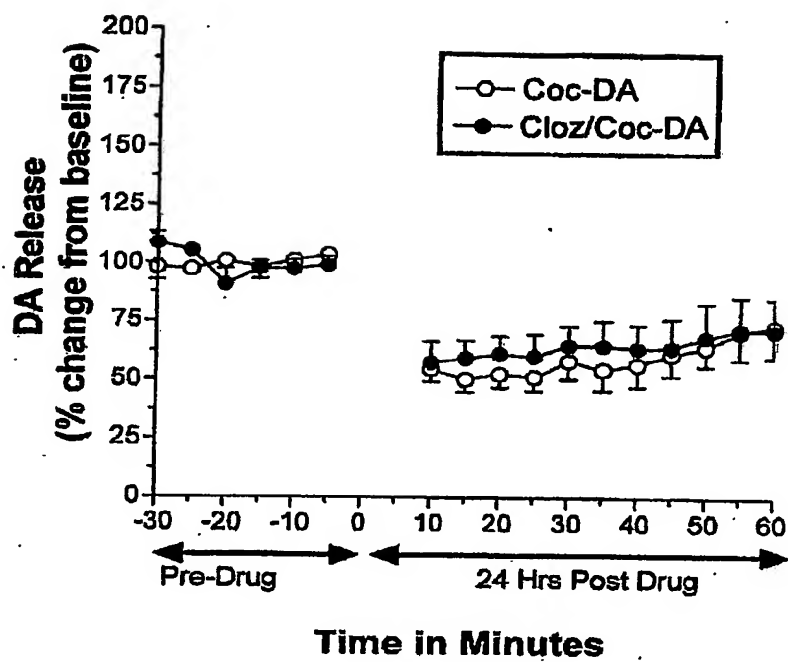
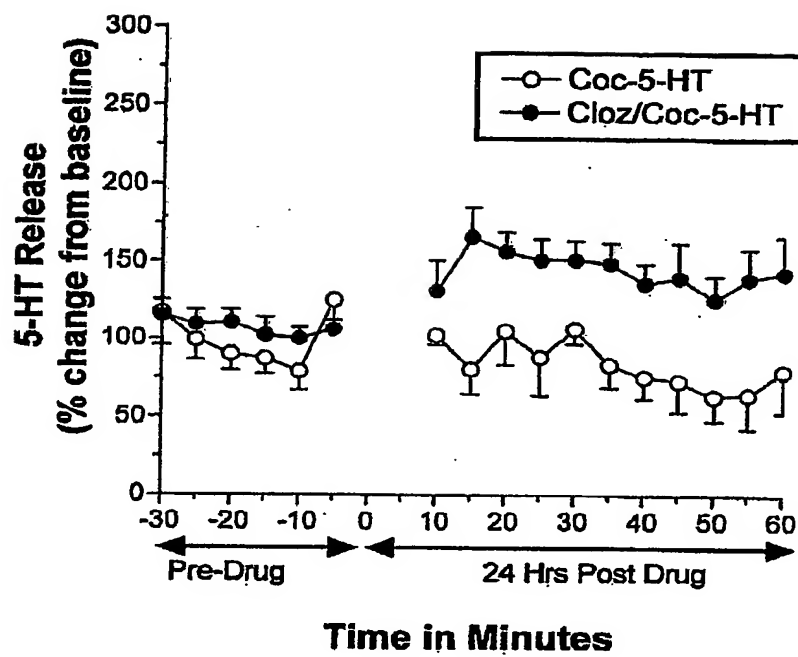


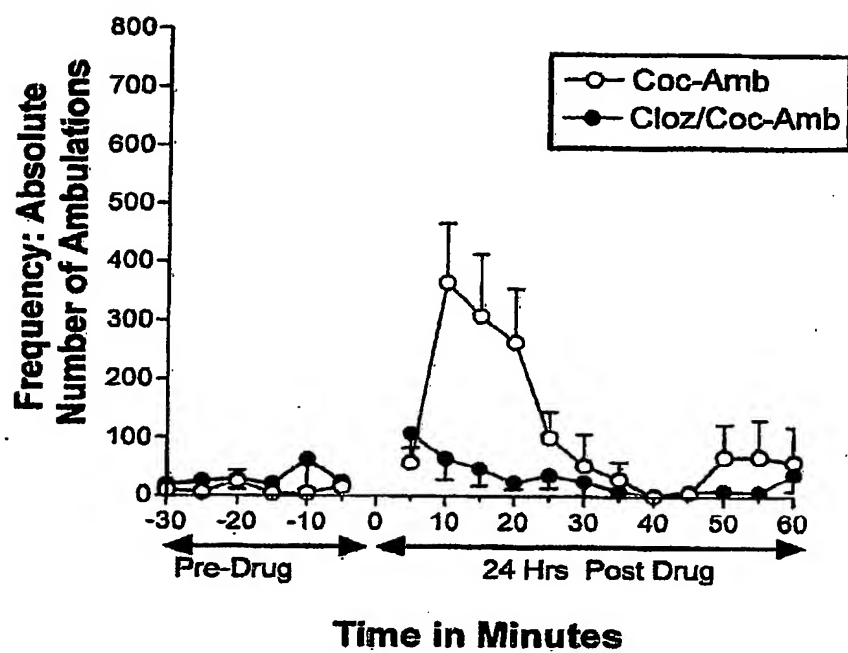
Figure 1C

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**Figure 2A**

**Figure 2B**

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**Figure 2C**

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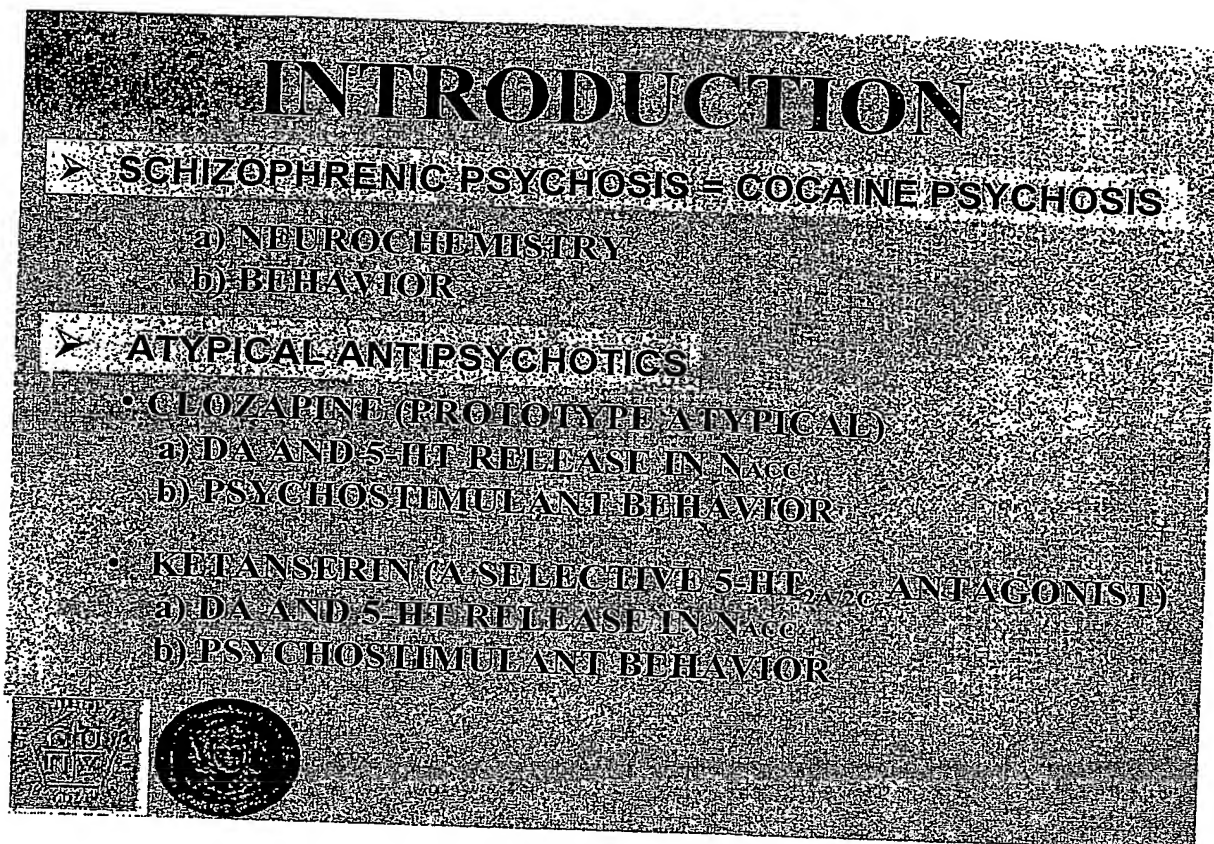


Figure 3A

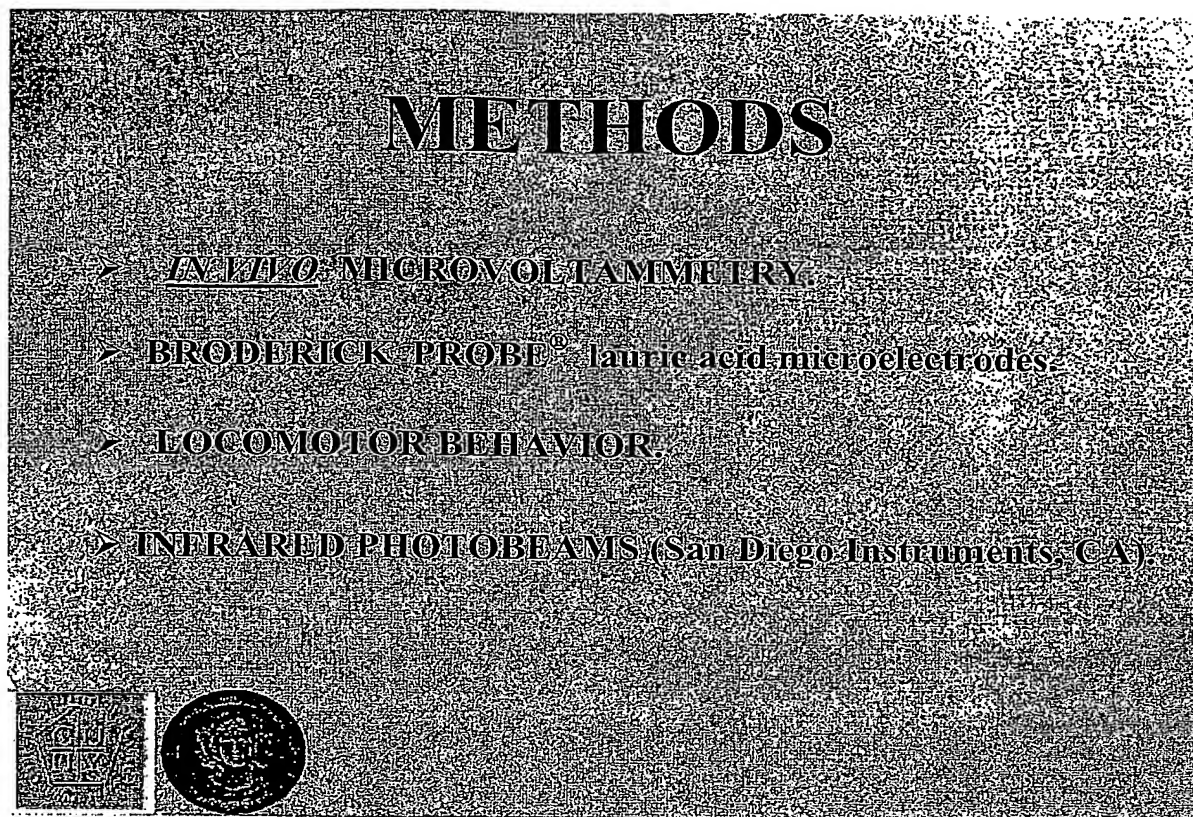


Figure 3B

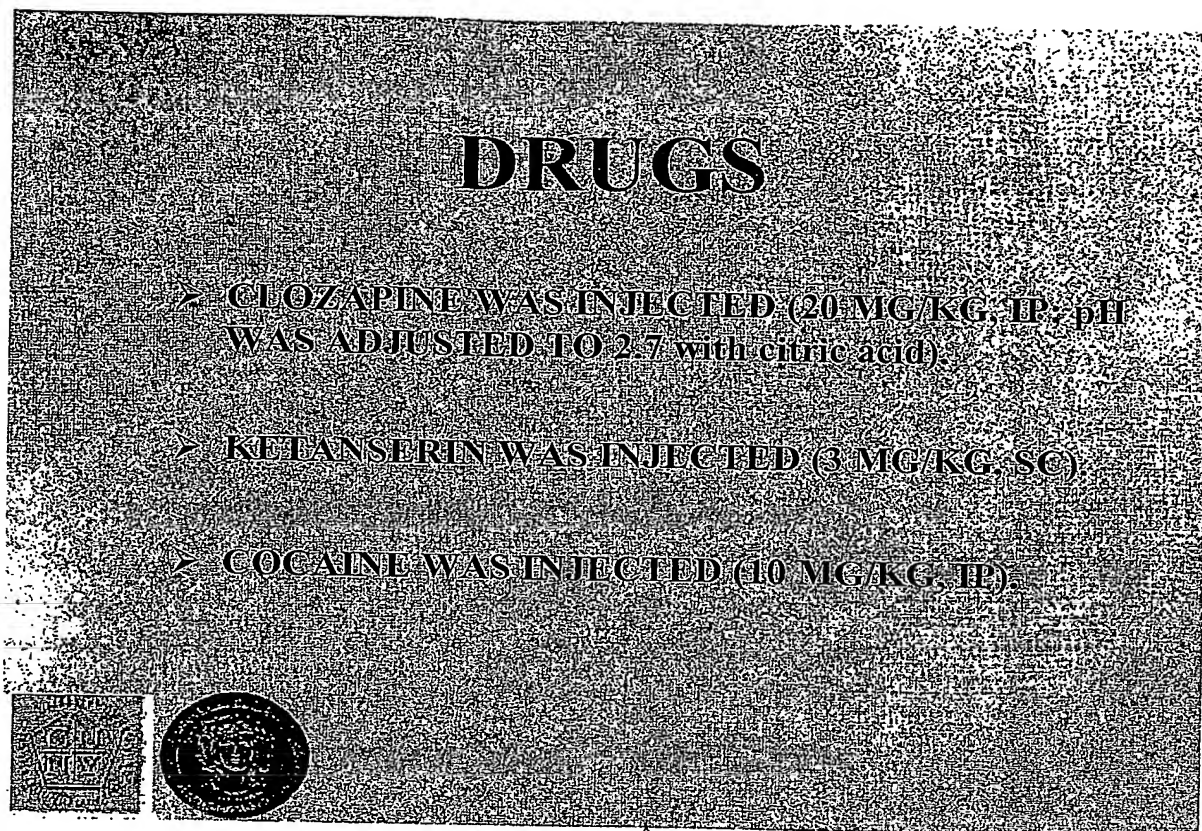


Figure 3C

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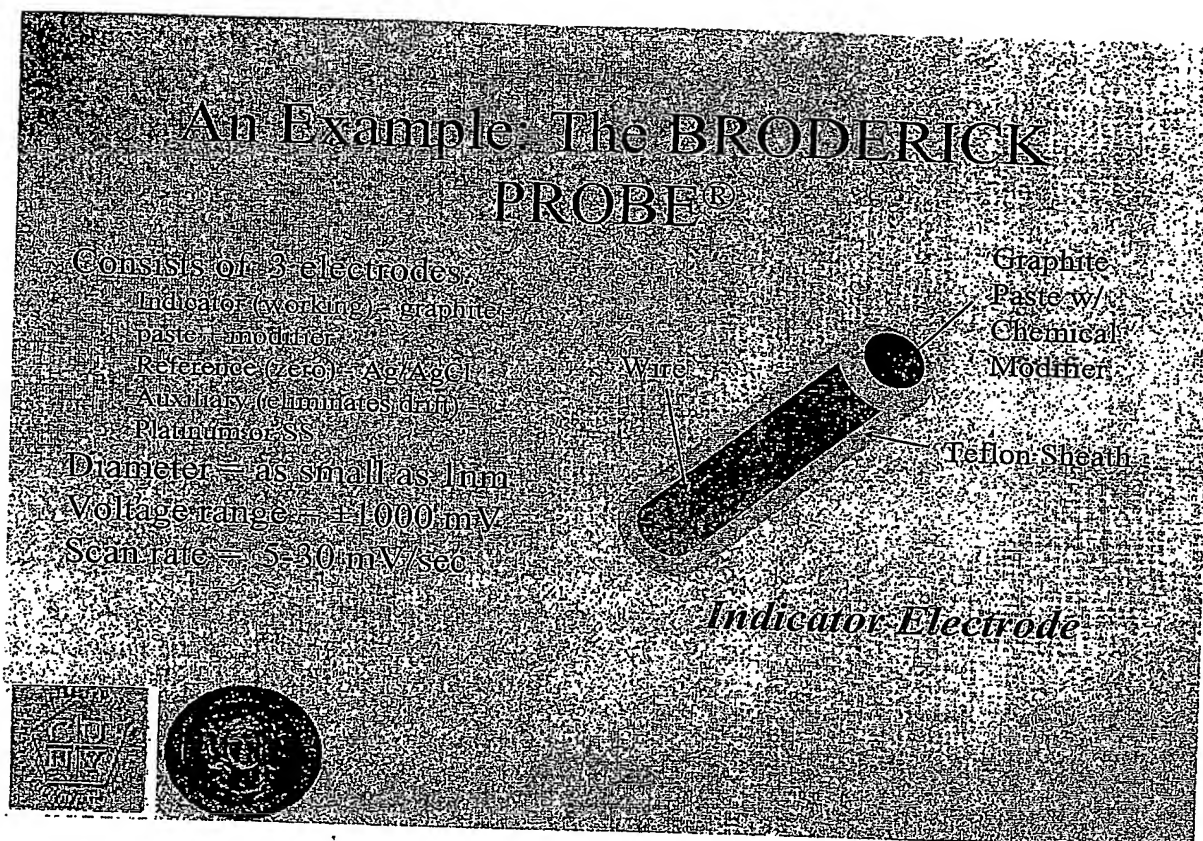
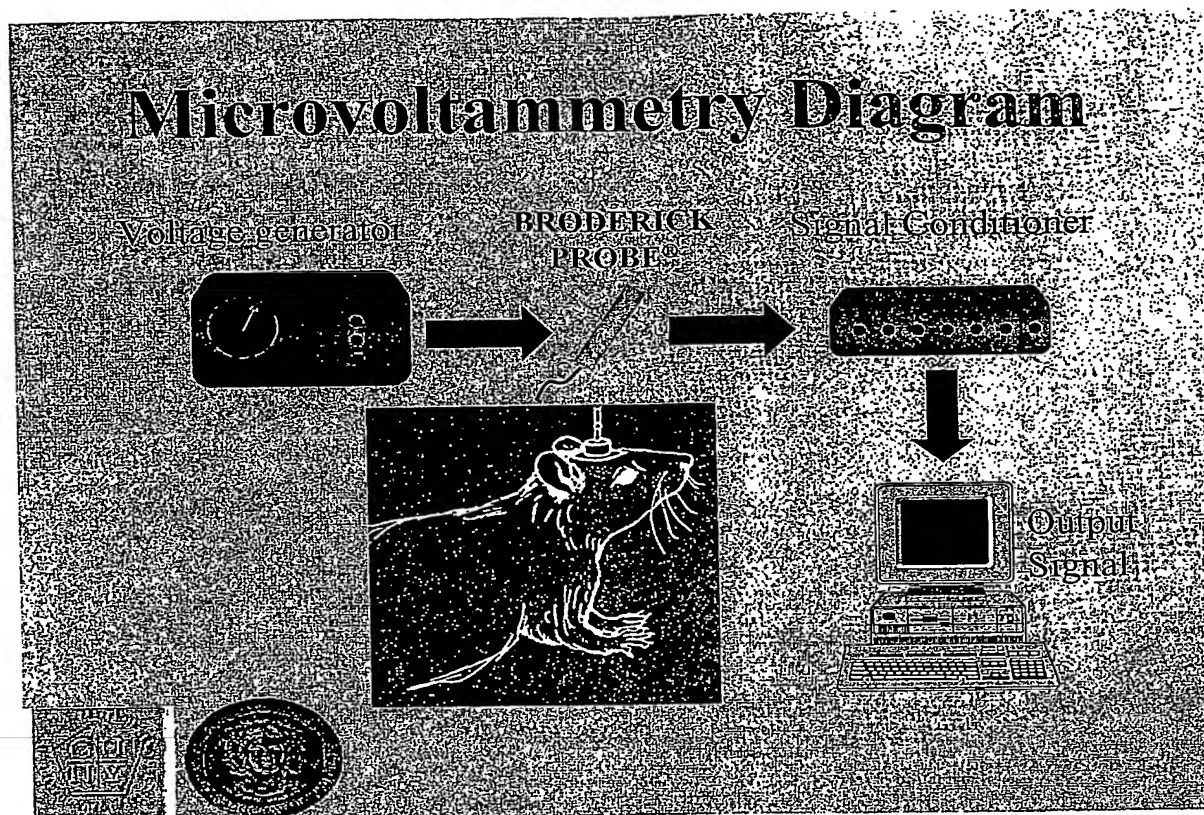
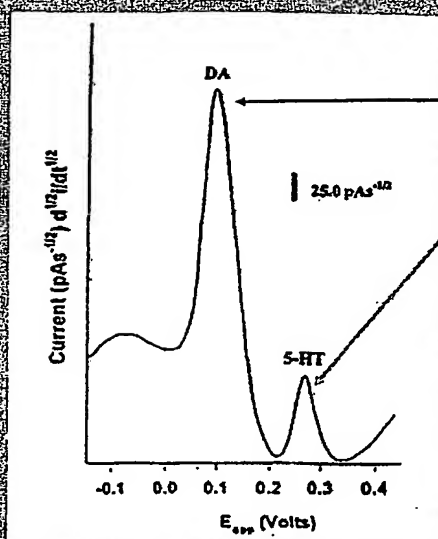


Figure 3D

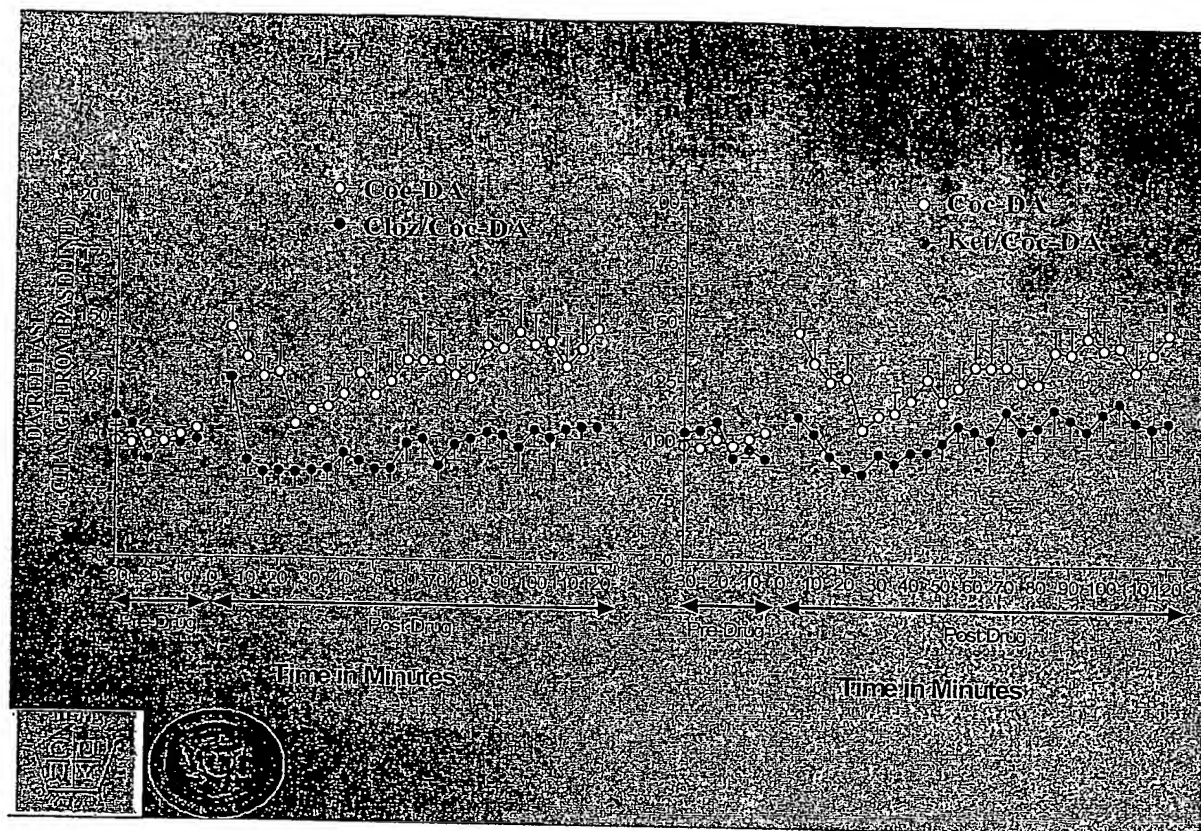
**Figure 3E**

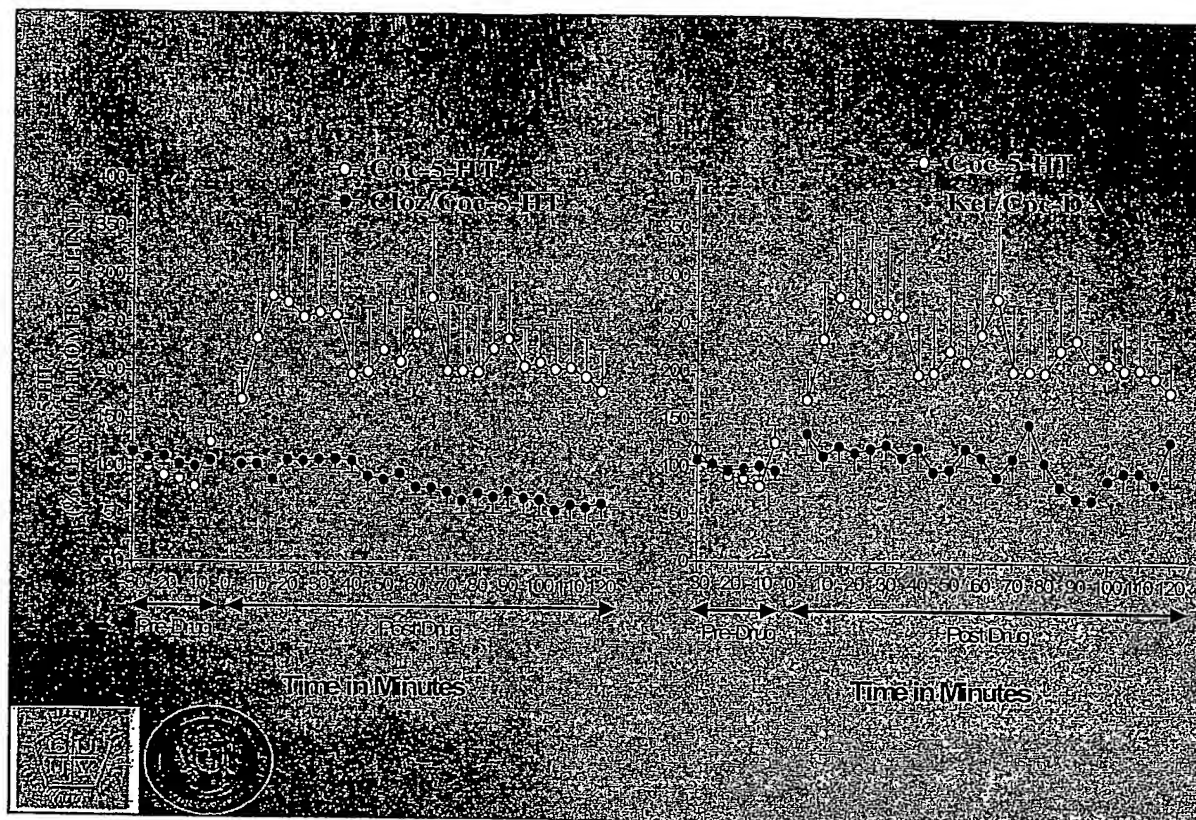
Typical Voltammogram

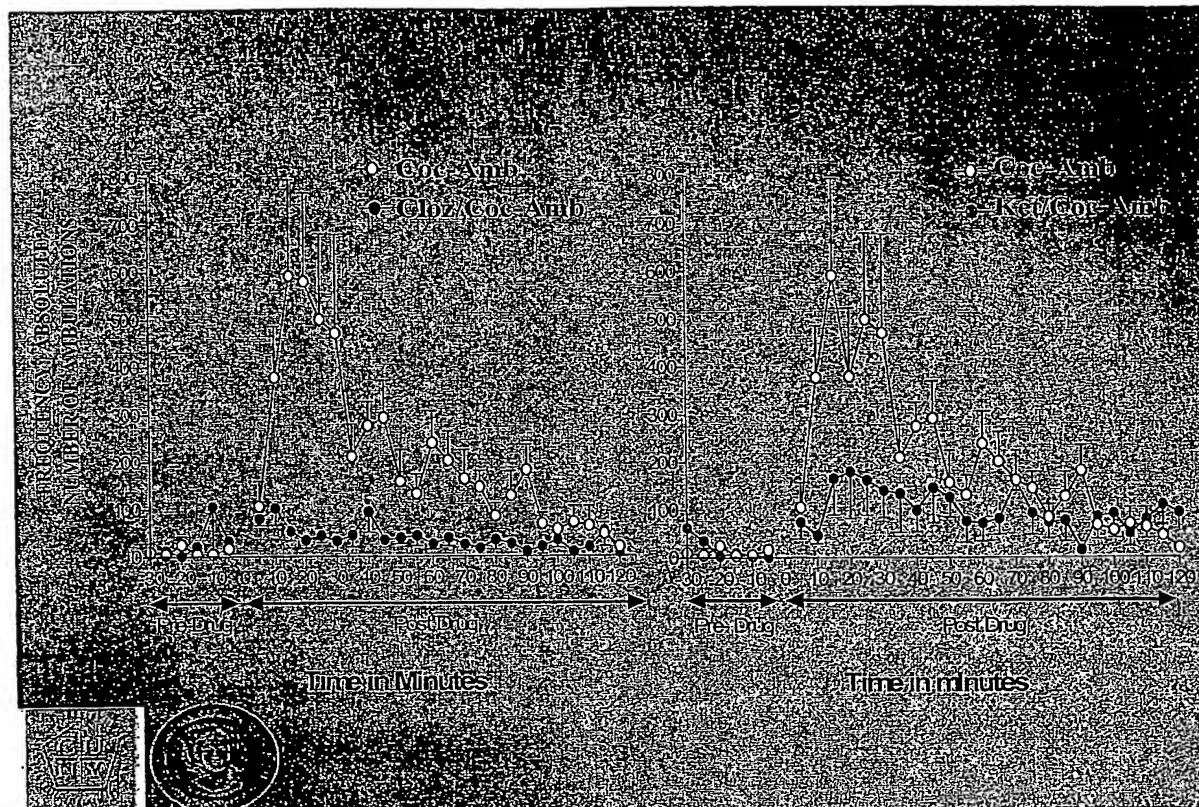


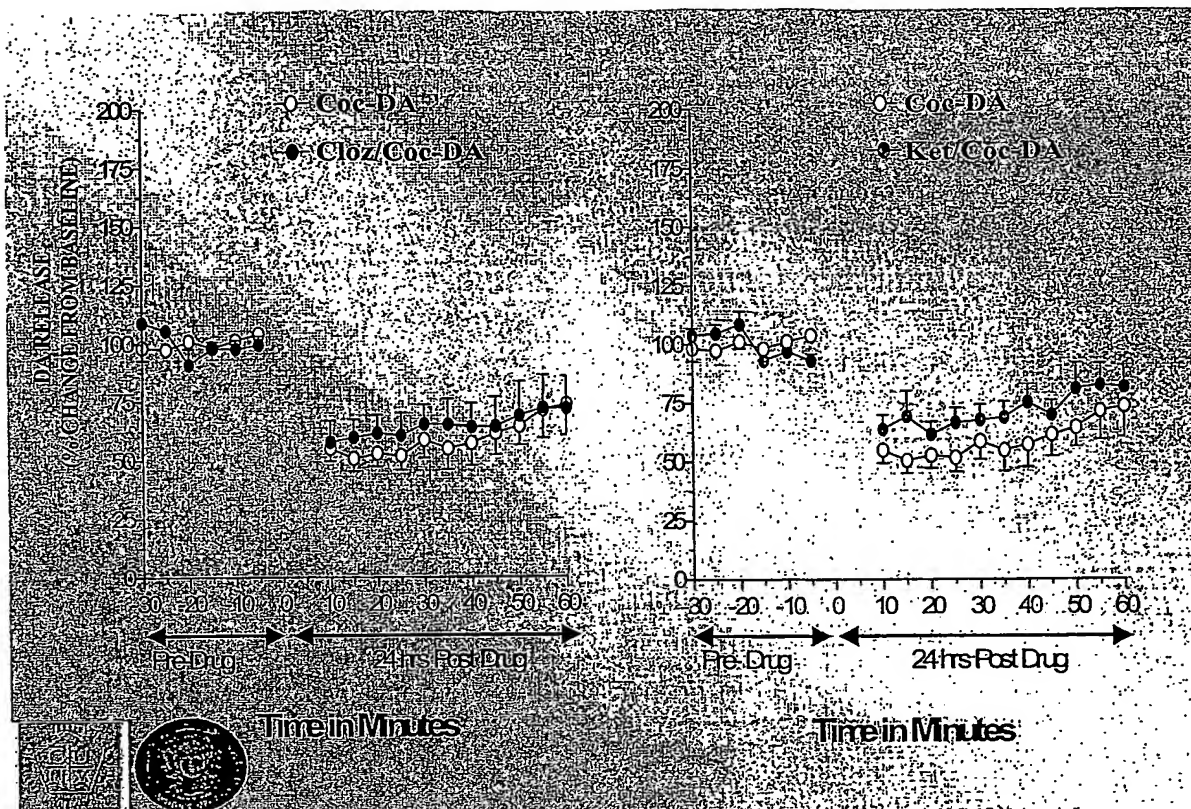
Voltammetric signature for a specific neurotransmitter is determined by its characteristic oxidation potential

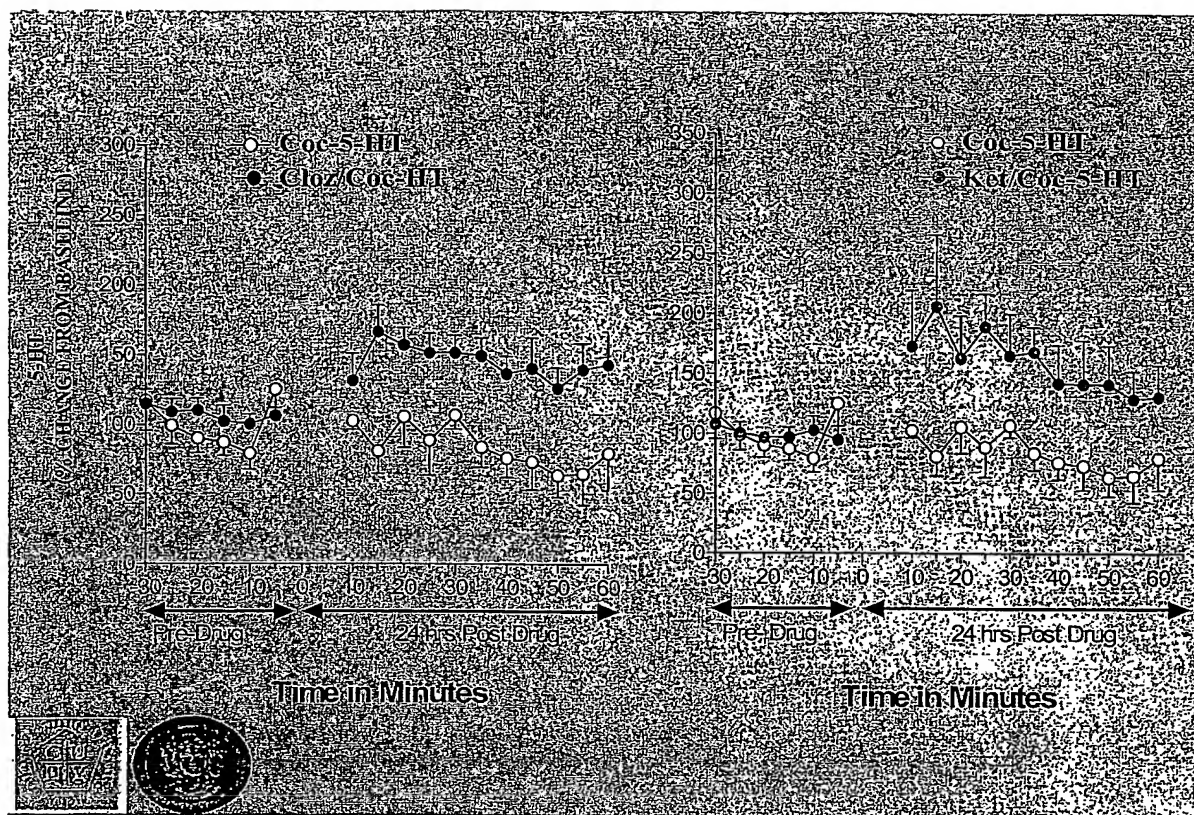
Figure 3F

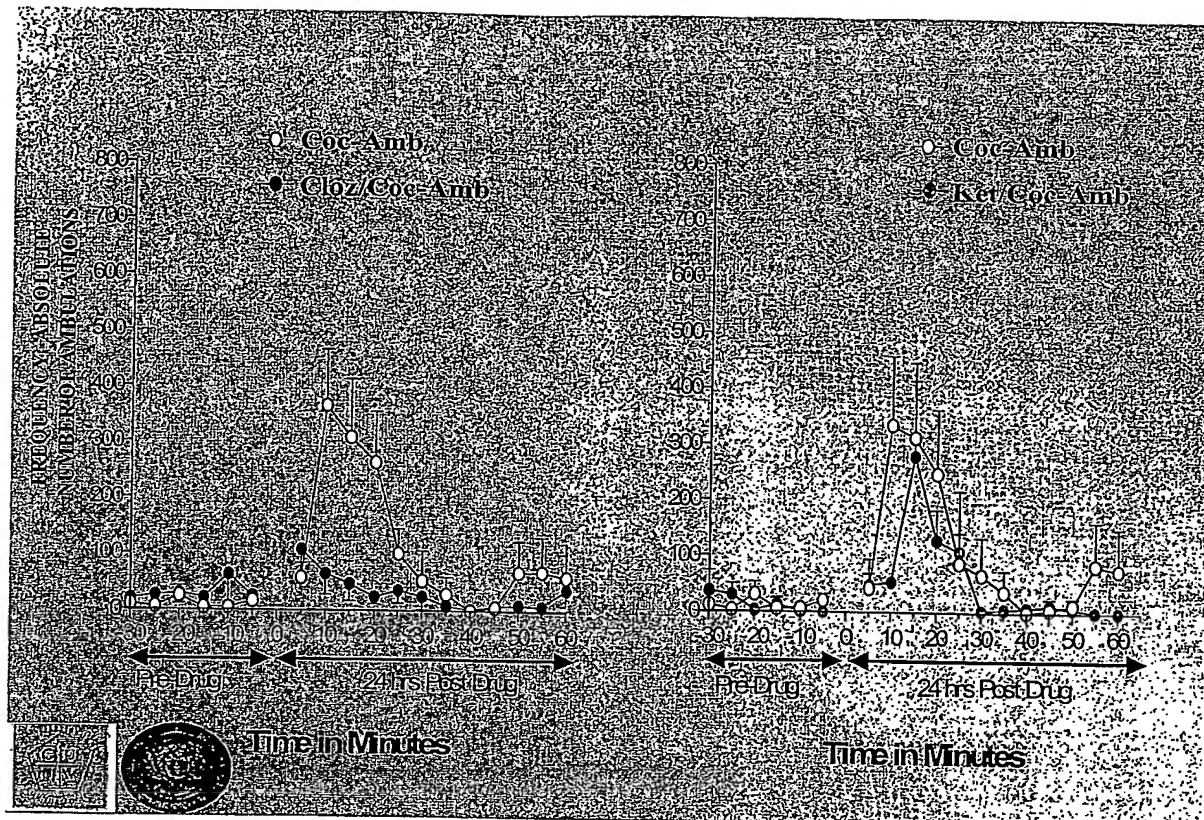
**Figure 3G**

**Figure 3H**

**Figure 3I**

**Figure 3J**

**Figure 3K**

**Figure 3L**

CONCLUSIONS

ACUTE STUDIES:

- a) COCAINE PRODUCED INCREASES IN DA AND 5-HT RELEASE IN N_{ACC} AND INCREASED BEHAVIOR
- b) BOTH CLOZAPINE AND KETANSERIN BLOCKED COCAINE-INDUCED DA, 5-HT RELEASE IN N_{ACC} AND COCAINE-INDUCED BEHAVIOR
- c) THUS, MECHANISM OF CLOZAPINE ON COCAINE BLOCKADE SUGGESTS 5-HT_{2A/2C} MEDIATION

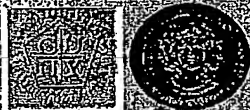


Figure 3M

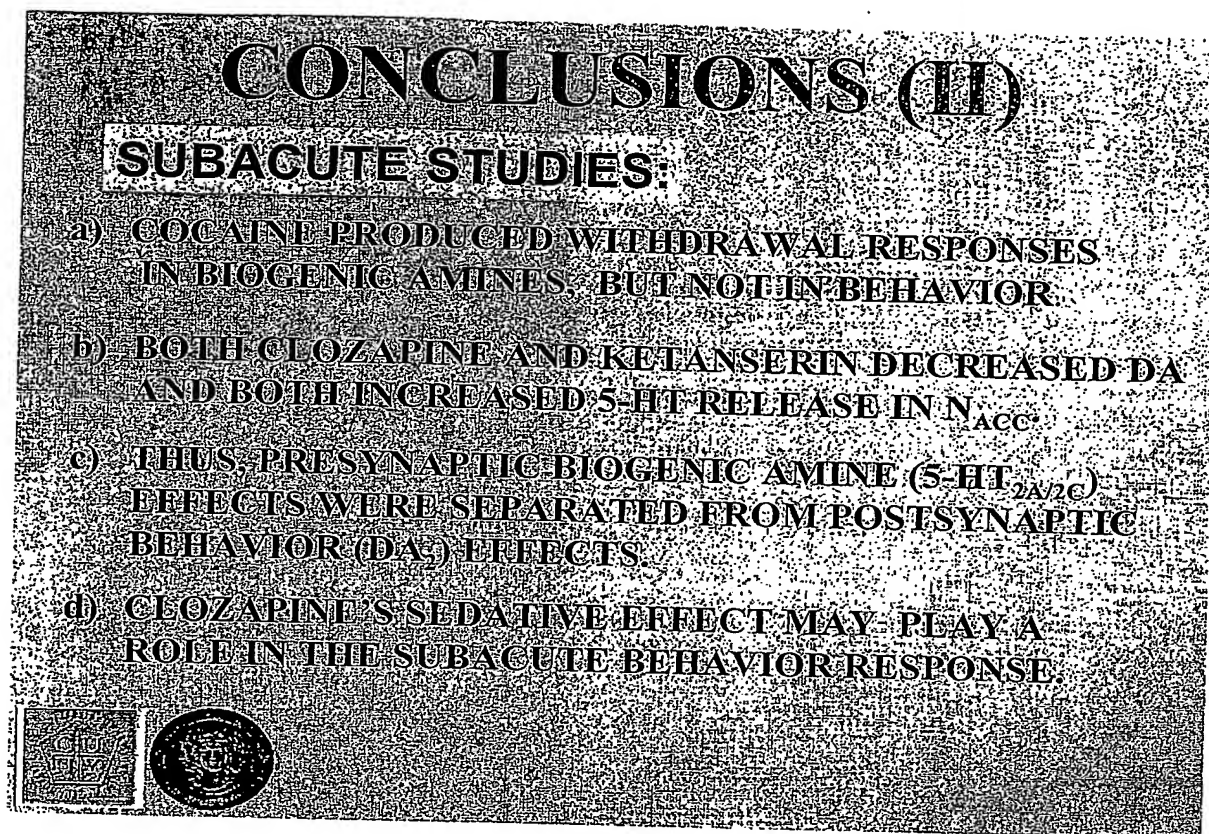
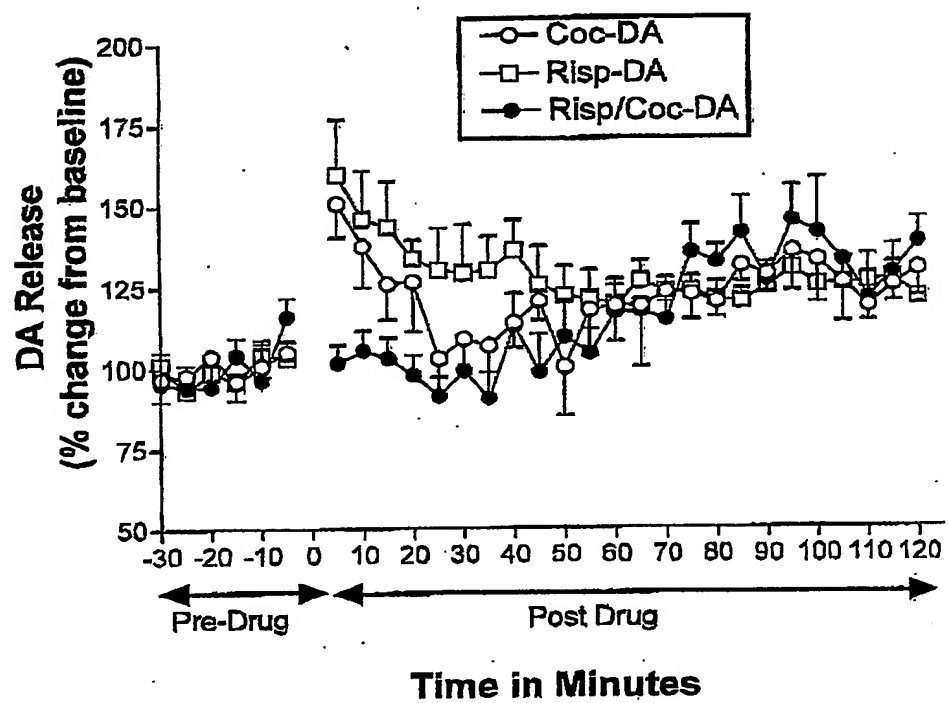
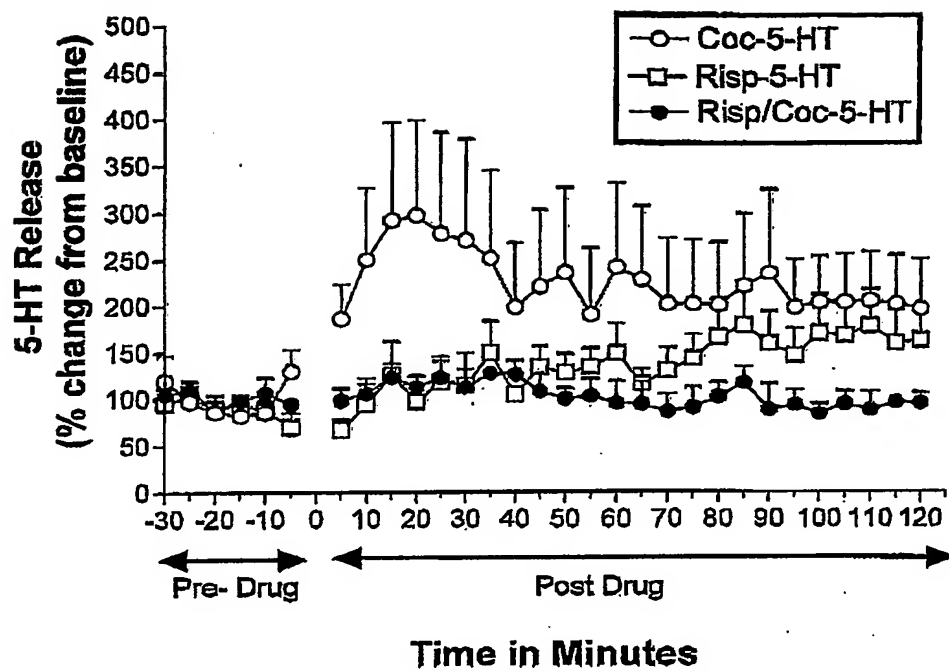


Figure 3N

**Figure 4A**

**Figure 4B**

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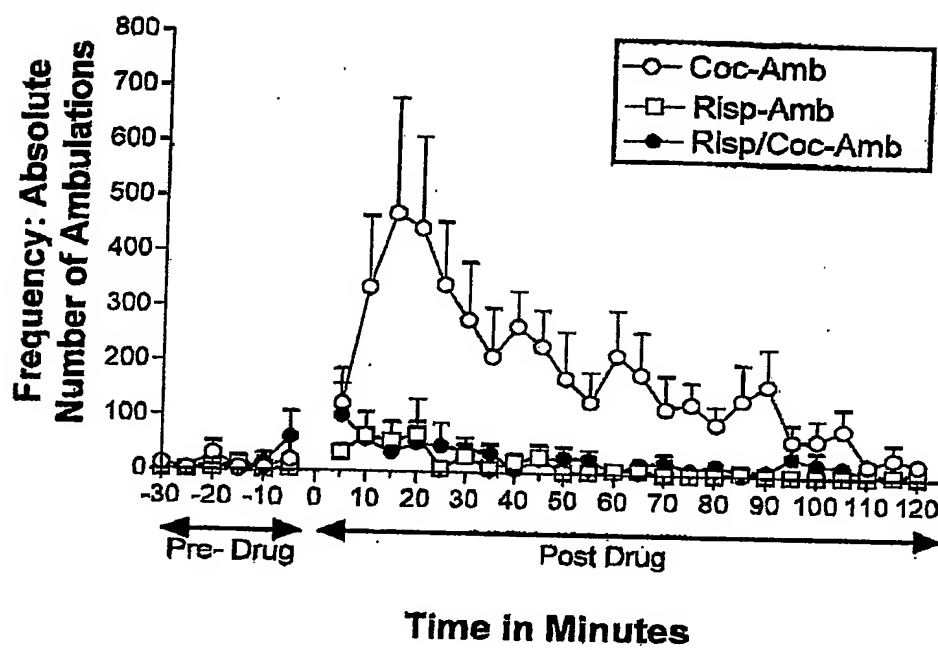
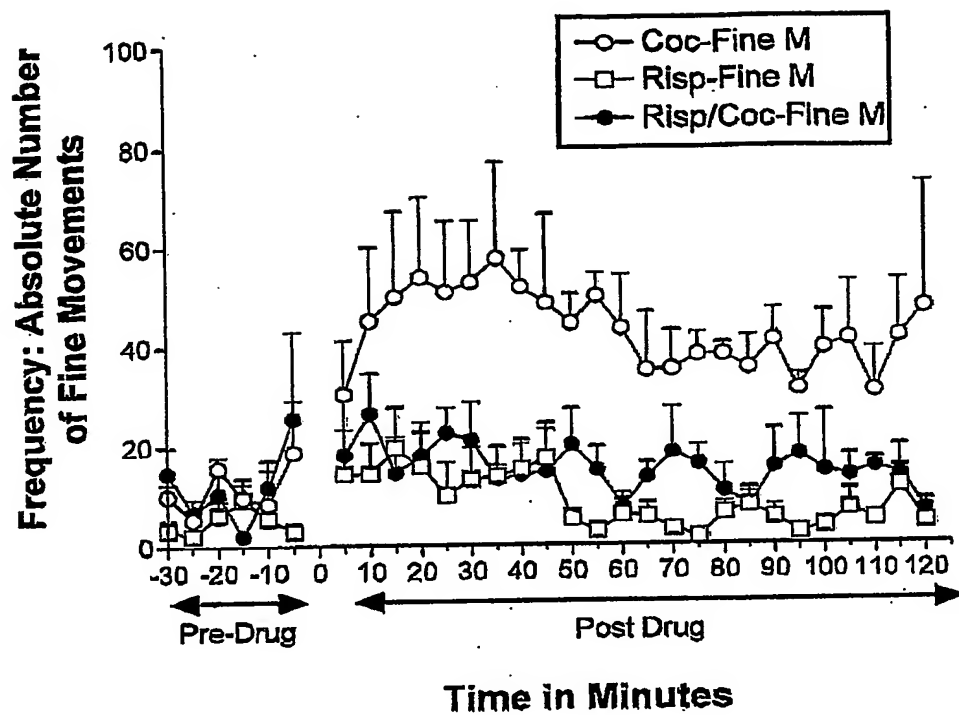
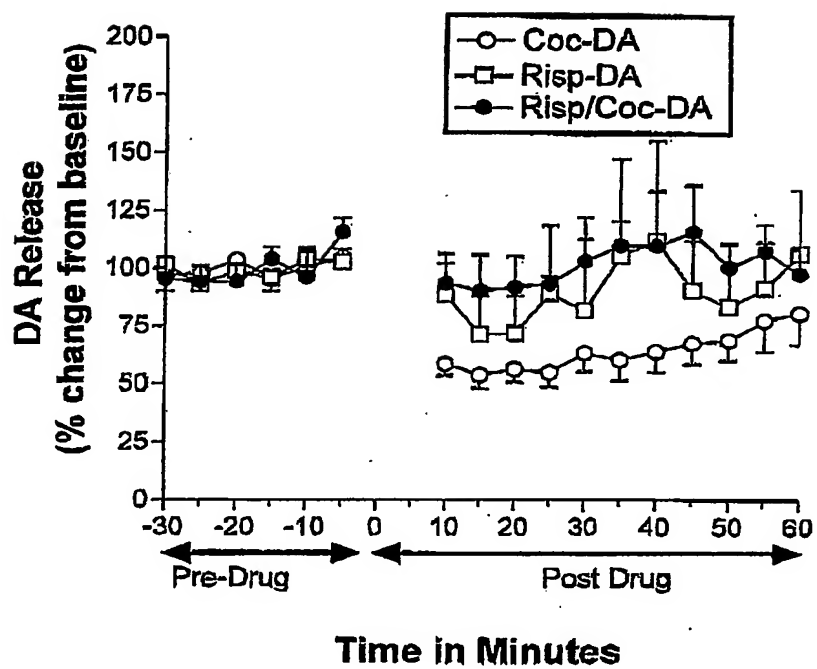


Figure 4C

**Figure 4D**

**Figure 5A**

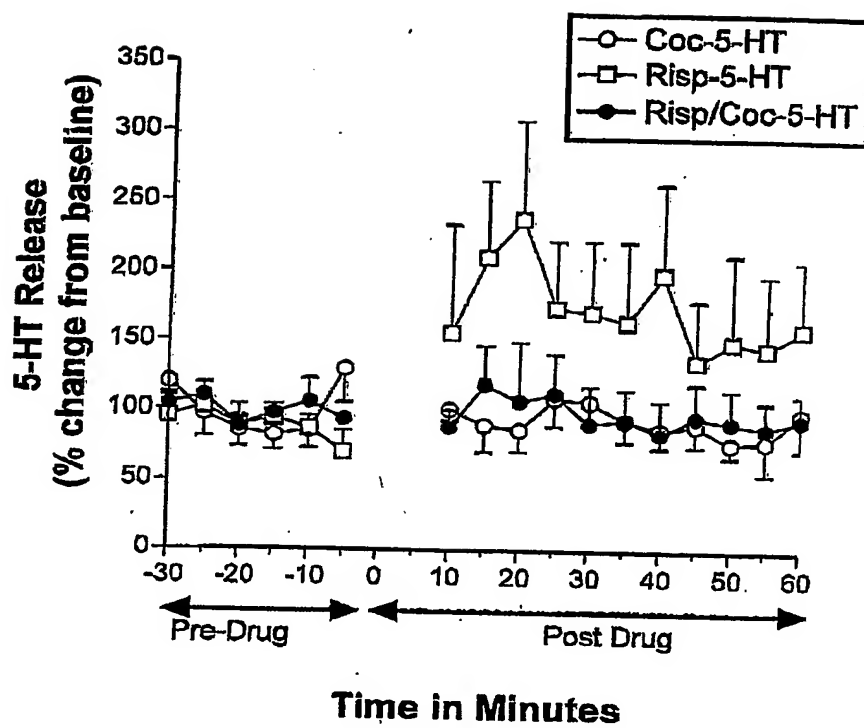


Figure 5B

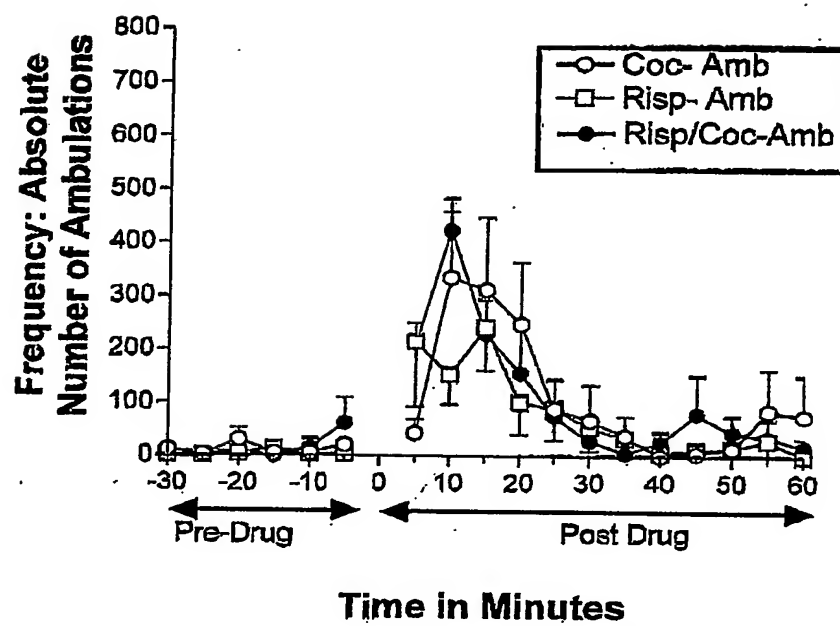
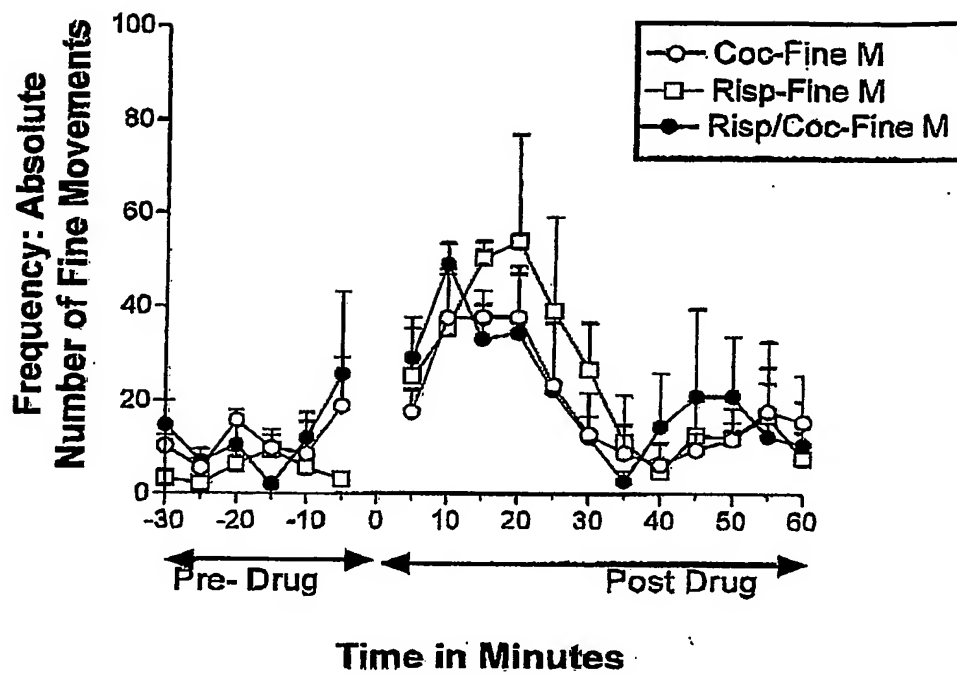


Figure 5C

**Figure 5D**

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